

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE STATEMENT



ATTY. DOCKET NO.

3220-73780

SERIAL NO.

10/692,996

APPLICANT

Jay P. Gore et al.

FILING DATE

Oct 24, 2003

GROUP

2881

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
Y.G./	AA	US 2002/0169394 A1	11/14/2002	EPPSTEIN, Jonathan A. et al.			
Y.G./	AB	US 2003/0023152 A1	01/30/2003	ABBINK, Russell E. et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	
	AS	
	AT	
	AU	
	AV	
	AW	
	AX	
	AY	
	AZ	

Examiner

Yelena Gakh/

Date Considered

08/31/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

BASED ON FORM PTO 1449

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10692996
Filing Date	2003-10-24
First Named Inventor	Gore et al.
Art Unit	1743
Examiner Name	Yelena G. Gakh
Attorney Docket Number	3220-73780

U.S. PATENTS[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button.

[Add](#)**U.S. PATENT APPLICATION PUBLICATIONS**[Remove](#)

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
Y.G./	1	20020016535		2002-02-07	Martin et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

[Add](#)**FOREIGN PATENT DOCUMENTS**[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
no transl	1	DE3000000	DE	A1	1988-09-08	ASH MEDICAL SYSTEMS, INC.		<input type="checkbox"/>
Y.G./	2	WO8100622	WO	A1	1981-03-05	Zeiss et al.		<input type="checkbox"/>
Y.G./	3	WO9111136	WO	A1	1991-08-08	BOSTON ADVANCED TECH		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10692996
Filing Date	2003-10-24
First Named Inventor	Gore et al.
Art Unit	1743
Examiner Name	Yelena G. Gakh
Attorney Docket Number	3220-73780

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
/Y.G./	1	European Search Report dated 2007-07-05 for EP04796152.9-2204 (PCT/US2004035103)	<input type="checkbox"/>

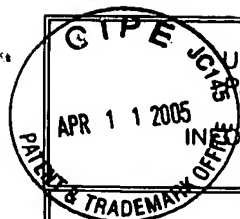
If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Yelena Gakh/	Date Considered	08/30/2007
--------------------	---------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.



U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
3220-73780

SERIAL NO.
10/692,996

APPLICANT
Jay P. Gore et al.

FILING DATE
Oct 24, 2003

GROUP
2881

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
Y.G./	AA	4,427,889	Jan. 24, 1984	Müller			
	AB	4,655,225	Apr. 7, 1987	Dähne et al.			
	AC	5,321,265	Jun. 14, 1994	Block			
	AD	5,515,847	May 14, 1996	Braig et al.			
	AE	5,529,755	Jun. 25, 1996	Higashio et al.			
	AF	5,533,509	Jul. 9, 1996	Koashi et al.			
	AG	5,710,630	Jan. 20, 1998	Essenpreis et al.			
	AH	5,743,262	Apr. 28, 1998	Lepper, Jr. et al.			
	AI	6,025,597	Feb. 15, 2000	Sterling et al.			
	AJ	6,049,727	Apr. 11, 2000	Crothall			
Y.G./	AK	6,113,541	Sep. 5, 2000	Dias et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
Y.G./	AL	WO 03/016882 A1	Feb. 27, 2003	PCT			X
	AM						
	AN						
	AO						
	AP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Y.G./	AR	S. R. Ash et al., "Subcutaneous Ultrafiltration Fibers for Chemical Sampling of Blood: The Capillary Filtrate Collector (CFC)", <i>American Filtration Society</i> , 1993, pgs. 316-319.
	AS	E. M. Janle et al., "Determination of Glucose in Microliter Samples of <i>In Vivo</i> Ultrafiltrates and Microdialysates Using Amperometric Flow Injection Analysis with an Enzyme Reactor", <i>Current Separations</i> , 1993, Vol. 12, No. 1, pgs. 14-17
	AT	D. A. Krohn, <i>Fiber Optic Sensors: Fundamentals and Applications</i> , 1992, pgs. 21-23.
	AU	S. Santhanakrishnan et al., "On the Quantitative Measurement of Glucose in Biological Fluids", <i>Mid-IR Technical Report #01-003</i> , 2001, 18 pgs.
	AV	S. S. Krishnan et al., "Optimum Pathlength for Aqueous Solutions Transmission Measurements", <i>Mid-IR Technical Report #01-002</i> , 2000, 5 pgs.
	AW	G. L. Coté, "Noninvasive Optical Glucose Sensing -- An Overview", <i>Journal of Clinical Engineering</i> , 1997, pgs. 253-259
	AX	Y. Gotshal et al., "Blood diagnostics using fiberoptic evanescent wave spectroscopy and neural networks analysis", <i>Sensors and Actuators B</i> , 1997, Vol. 42, pgs. 157-161
	AY	K. Kajiwar et al., "Spectroscopic quantitative analysis of blood glucose by Fourier transform infrared spectroscopy with an attenuated total reflection prism", <i>Medical Process through Technology</i> , 1992, Vol. 18, pgs. 181-189
Y.G./	AZ	Y. Mendelson et al., "Blood Glucose Measurement by Multiple Attenuated Total Reflection and Infrared Absorption Spectroscopy", <i>IEEE Transactions on Biomedical Engineering</i> , 1990, Vol. 37, pgs. 458-465

Examiner

/Yelena Gakh/

Date Considered

08/31/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 3220-73780		SERIAL NO. 10/692.996	
				APPLICANT Jay P. Gore et al.			
				FILING DATE Oct 24, 2003		GROUP 2881	

U.S. PATENT DOCUMENTS							
*Examiner Initial	Class	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
Y.G./	BA	6,152,889	Nov. 28, 2000	Sopp et al.			
Y.G./	BB	6,157,041	Dec. 5, 2000	Thomas et al.			
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	BL						
	BM						
	BN						
	BO						
	BP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
Y.G./	BR	S. R. Ash, "Subcutaneous Capillary Filtrate Collector for Measurement of Blood Glucose", <i>ASAIO</i> , 1992, pgs. 416-420
	BS	P. Geladi et al., "Partial Least-Squares Regression: A Tutorial", <i>Analytica Chimica Acta</i> , 1986, pgs. 1-17.
	BT	S. A. Jimeno, "The Spanish toxic syndrome", <i>Trends in Analytical Chemistry</i> , 1982, Vol. 1, pgs. 4-6.
	BU	V. M. Kapoulas et al., "Detection of Virgin Olive Oil Adulteration with Refined Oils by Second-Derivative Spectrophotometry", <i>Food Chemistry</i> , 1987, Vol. 23, pgs. 183-192
	BV	V. M. Kapoulas et al., "Detection of Adulteration of Olive Oil with Seed Oils by a Combination of Column and Gas Liquid Chromatography", <i>Journal of the American Oil Chemists' Society</i> , 1981, Vol. 58, pgs. 694-697
	BW	A. Lanzou et al., "Detection of refined olive oil in virgin olive", <i>Grasas Aceites</i> , 1989, Vol. 40, No. 6, pgs. 385-388
Y.G./	BX	D. Marini et al., "Spectrophotofluorimetric analysis of olive oil", <i>Rivista Italiana Sostanze Grasse</i> , 1990, Vol. 67, No. 2, pgs. 95-99
non relevant	BY	T. Mavroustakos et al., "C-NMR Analysis of the Triacylglycerol Composition of Greek Virgin Olive Oils", <i>Magnetic Resonance in Chemistry</i>, 1997, Vol. 35, pgs. 3-7
	BZ	M. T. Morales et al., "Tentative analysis of virgin olive oil aroma by supercritical fluid extraction-high-resolution gas chromatography-mass spectrometry", <i>Journal of Chromatography A</i> , 1998, Vol. 819, pgs. 267-275

Examiner Yelena Gakh/	Date Considered 08/31/2007
--------------------------	-------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

30/4

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 3220-73780		SERIAL NO. 10/692,996	
				APPLICANT Jay P. Gore et al.			
				FILING DATE Oct 24, 2003		GROUP 2881	

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
	CA						
	CB						
	CC						
	CD						
	CE						
	CF						
	CG						
	CH						
	CI						
	CJ						
	CK						

FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation Yes No	
	CL						
	CM						
	CN						
	CO						
	CP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
Y.G./	CR	G. Morchio et al., "Detection of refined oils in virgin olive oil", <i>Rivista Italiana Sostanze Grasse</i> , 1989, Vol. 66, No. 5, pgs. 251-257
Y.G./	CS	S. A. Passaloglou-Emmanouilidou, "A comparative study of UV spectrophotometric methods for detection of olive oil adulteration by refined oils", <i>Zeitschrift für Lebensmittel-Untersuchung und-Forschung</i> , Vol. 191, No. 2, pgs. 132-134
non-relevant	CT	P. Sacchi et al., "Application of Carbon -13 NMR to the determination of mono- and diglycerides and free fatty acids in virgin and refined olive oil", <i>Rivista Italiana Sostanze Grasse</i> , 1990, Vol. 67, No. 5, pgs. 245-252
	CU	R. Sacchi et al., " ¹ H and ¹³ C-NMR of virgin olive oil. An Overview", <i>Magnetic Resonance in Chemistry</i> , 1997, Vol. 35, pgs. 133-145
	CV	R. J. Sanchis et al., "Rapid HPLC procedure for the detection of adulteration of olive oil by seed oils", <i>Alimentaria (Madrid)</i> , 1991, pgs. 27-29
Y.G./	CW	L. Küpper et al., "Authentication and Quantification of Extra Virgin Olive Oils by Attenuated Total Reflectance Infrared Spectroscopy Using Silver Halide Fiber Probes and Partial Least-Squares Calibration", <i>Applied Spectroscopy</i> , 2001, No. 5, pgs. 563-570
Y.G./	CX	M. Karlowatz et al., "Chemically Tapered Silver Halide Fibers: An Approach for Increasing the Sensitivity of Mid-Infrared Evanescent Wave Sensors", <i>Applied Spectroscopy</i> , 2000, No. 11, pgs. 1629-1633
Y.G./	CY	L. Han et al., "NIR Fiber-Optic Method with Multivariate Calibration Analysis for Determination of Inorganic Compounds in Aqueous Solutions", <i>Applied Spectroscopy</i> , 2000, Vol. 54, No. 10, pgs. 1447-1452
Y.G./	CZ	B. Lendi et al., "Fourier Transform Infrared Detection in Miniaturized Total Analysis Systems for Sucrose Analysis", 1997, <i>Analytical Chemistry</i> , 1997, Vol. 69, No. 15, pgs. 2877-2881
Examiner <u>Yelena Gakh/</u> Date Considered <u>08/31/2007</u>		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 3220-73780	SERIAL NO. 10/692,996
	APPLICANT Jay P. Gore et al.	
	FILING DATE Oct 24, 2003	GROUP 2881

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	DA						
	DB						
	DC						
	DD						
	DE						
	DF						
	DG						
	DH						
	DI						
	DJ						
	DK						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	DL						
	DM						
	DN						
	DO						
	DP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Y.G./	DR	D. Lefier et al., "Determination of Fat, Protein, and Lactose in Raw Milk by Fourier Transform Infrared Spectroscopy and by Analysis with a Conventional Filter-Based Milk Analyzer", <i>Journal of AOAC International</i> , 1996, Vol. 79, No. 3, pgs. 711-717
non-relevant	DS	Beaton Electronics Corporation, "pulser Evaluation Kit Driver Instruction Manual", Date Unknown, 4 pgs.
Y.G./	DT	IntraTec GmbH, "Pyroelectric detectors", 1999, 5 pgs.
	DU	
	DV	
	DW	
	DX	
	DY	
	DZ	

Examiner	Yelena Gakh/	Date Considered	08/31/2007
----------	--------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.
Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

BASED ON FORM PTO 1449